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 S E C R E T SCITE NPIC 4921
 MISSION GL G-047

29 OCT 68

PREFACE

(NOTE: TEXT IDENTICAL WITH ABOVE GL G-047).
 S E C R E T

END OF MESSAGE

(NOTE: ALSO PASSED)

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OUT 66275

MISSION GL G-847

29 OCT 68

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-847, 23 OCT 68. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C C CLEAR, SC SCATTERED CLOUD COVER, HC HEAVY CLOUD COVER, H H HAZE, CS CLOUD SHADOW, SD SEMIDARKNESS, GC GROUND COVER, CF CAMOUFLAGE, O OBLIQUITY, AND GR GROUND RESOLUTION. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G GOOD, F FAIR, OR P POOR. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T TOTAL OR PT PARTIAL. THE MODE OF COVERAGE IS SIGNIFIED BY ST STEREO, NS NONSTEREO, OR PS PARTIAL STEREO.

NEGATIVE RESPONSES TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC NO APPARENT CHANGE AND/OR NO OB NO ORDER OF BATTLE DISCERNIBLE AT THE END OF THE REFERENCE LINE.

SUMMARY

GUANABACOA SAM SITE AND SANTIAGO DE CUBA SAM SITE A23-2 HAVE BEEN VACATED. SANTIAGO DE CUBA SAM SITE A18-2 IS NEWLY OCCUPIED. A SHEET BEND RADAR IS NOTED AT CIENFUEGOS RADAR FACILITY 2. MISSILE, AIR, NAVAL, AND GROUND ACTIVITY IS OTHERWISE NORMAL THROUGHOUT THE AREA COVERED BY THIS MISSION.

MISSILES

EL CANO SAM SITE 2 CU 238327N 8822921W

25X1

GUANABACOA SAM SITE A14-2 CU 238536N 8821557W
86-Y1

25X1

THE SITE HAS BEEN VACATED.

25X1

HOLGUIN AIRFIELD SAM SITE A19-2 CU 284658N 8761958W
34-C1

25X1

OB -- 4 LAUNCHERS 02 WITH MISSILES, 6 TRANSPORTERS WITH MISSILES 02 WITH MISSILES EXPOSED, 1 FAN SONG RADAR, AND AT LEAST 10 VEHICLES/PIECES OF EQUIPMENT.

25X1

HOLGUIN SAM SITE WEST B27-2 CU 285188N 8762745W
34-Z8

25X1

OB -- 6 LAUNCHERS 05 WITH MISSILES, 6 MISSILE TRANSPORTERS WITH EXPOSED MISSILES, 1 FAN SONG RADAR WITH 6 VANS, 4 TRACKED PRIME MOVERS, AND 2 CARGO TRUCKS. ACTIVITY -- ONE OCCUPIED SIX-GUN AAA SITE.

25X1

HOLGUIN PROB SAM SITE CU 285825N 8762358W
8585 34-Z9

CONSTRUCTION CONTINUES AT THE SITE.

25X1

PUNTA BRAVA SAM SITE A29-2 CU 238138N 8823148W
483-A

25X1

OB -- 6 LAUNCHERS 03 WITH MISSILES, 9 MISSILE TRANSPORTERS 01 WITH MISSILES, A FAN SONG RADAR WITH VANS, AND 24 VEHICLES/PIECES OF EQUIPMENT.

25X1

SANTA CLARA SAM SITE A34-2 CU 222988N 8888888W
177-Q1

25X1

THE SITE IS OCCUPIED

25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 188888N 877777W

28-F
THIS SI Approved For Release 2008/05/20 : CIA-RDP78B04549A000700020006-7
TRANSFERRED TO SANTIAGO DE CUBA SAM SITE A18-2

SANTIAGO DE CUBA MISSILE SUPPORT FAC SAM 2 CU 280414N 0755336W
76-P

OB -- 4 MISSILE TRANSPORTERS, 3 MISSILE CANISTER TRANSPORTERS, 6
ZIL-157V PRIME MOVERS, 7 CARGO TRUCKS, 2 TRUCK-MOUNTED CRANES, 9
VEHICLES/PIECES OF EQUIPMENT, AND NUMEROUS MISSILE CANISTERS.

SANTIAGO DE CUBA SAM SITE A18-2 CU 195845N 0754922W

ALL LAUNCH POSITIONS, THE GUIDANCE AREA, AND THE MISSILE-HOLD
REVENEMENTS ARE COMPLETE.

OB -- 6 LAUNCHERS 03 WITH MISSILES, 12 MISSILE TRANSPORTERS 09
WITH EXPOSED MISSILES, A FAN SONG B/C RADAR WITH 6 VANS, A SPOON
REST RADAR WITH 2 VANS, 9 AT-S TRACKED PRIME MOVERS, AND 6 PROBABLE
ZIL-157V PRIME MOVERS.

HOLGUIN MISSILE SUP FAC SAM LA VEGUITA CU 204950N 0761516W
34-27

OB -- 2 PROBABLE SA-2 LAUNCHERS, 2 MISSILE TRANSPORTERS, 3 PROBABLE
MISSILE TRANSPORTERS, 15 POSSIBLE MISSILE CANISTER TRANSPORTERS, AT
LEAST 200 MISSILE CANISTERS, 2 TRACKED PRIME MOVERS, AND 32
VEHICLES/PIECES OF EQUIPMENT.

SAN PEDRO DE CACOCUM SAM SITE A06-2 CU 204545N 0761540W
72-C1

OB -- 6 LAUNCHERS 03 WITH MISSILES, 3 MISSILE TRANSPORTERS WITH
EXPOSED MISSILES, 1 FAN SONG RADAR WITH 7 VANS, 1 CARGO TRUCK, AND
4 VEHICLES/PIECES OF EQUIPMENT.

PUNTA BALLEMATOS SAM SITE A26-2 CU 230440N 0822945W

OB -- 6 LAUNCHERS AND 8 VEHICLES/PIECES OF EQUIPMENT.

BAGUANOS SAM SITE CU 204907N 0760306W

SANTIAGO SAM TRAINING AREA CU 195849N 0755100W
24-D

THE FIVE RECTANGULAR BUILDINGS ARE COMPLETE AND ONE ADDITIONAL
RECTANGULAR BUILDING IS UNDER CONSTRUCTION.

OB -- 13 CARGO TRUCKS, 2 UTILITY TRUCKS, 3 GRADERS, 2 BULLDOZERS,
AND 1 TRAILER.

EL CANO SAM TRAINING AREA CU 230327N 0822900W
86-K3

OB -- 3 LAUNCHERS, 3 TRANSPORTERS WITH MISSILES, 16 CARGO TRUCKS,
AND AT LEAST 25 VEHICLES/PIECES OF EQUIPMENT.

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 222931N 0795631W
177-D

OB -- 1 COKE/CRATE, 4 SMALL AIRCRAFT, AND 1 POSSIBLE HELICOPTER.

IGNACION AGRAMONTE AIRFIELD CU 212511N 0775054W
27

OB -- 1 COKE, 1 CRATE, 16 COLT, AND 15 HOUND.

HOLGUIN AIRFIELD CU 204707N 0761854W
34-C

OB -- 3 FISHBED, 4 FAGOT/FRESCO, 1 CRATE, AND 2 HOUND.

OB -- 1 CRATE AND 1 COLT.

SIGUANEA AIRFIELD CU 213834N 0825720W

ANTONIO MACEO AIRFIELD CU 195809N 0755009W

9

OB -- 1 CRATE AND 1 MORAVA L-200.

KAWAMA AIRFIELD CU 230733N 0811750W

JOSE MARTI INTERNATIONAL AIRFIELD CU 225922N 0822427W

86-1

OB -- 1 CLEAT, 3 BRITANNIA, 2 COOT, 3 COKE, 9 CRATE, 1 C-46, 4 CAB, AND 3 SMALL STRAIGHT-WING.

PLAYA BARACOA AIRFIELD CU 230205N 0823442W

22

OB -- 1 COKE, 1 CRATE, 1 MORAVA L-200, 2 HOUND, AND 3 SMALL STRAIGHT-WING.

JAIME GONZALES AIRFIELD CU 220926N 0802444W

MOA AIRFIELD CU 203908N 0745520W

51-A

THE RUNWAY IS BEING EXTENDED APPROXIMATELY 1,200 FEET TO THE NORTHEAST.

NAVAL ACTIVITY/PORTS

SIGUANEA NAVAL BASE CU 213650N 0825046W

CIENFUEGOS PORT FACILITIES CU 220825N 0802720W

51-A

VESSELS -- 1 FREIGHTER.

CIENFUEGOS PORT A NAVAL FACILITIES CU 220903N 0802720W

51-A1

THIS SMALL NAVAL BASE OCCUPIES CAYO LOCO. FACILITIES INCLUDE TWO PIERS, ONE QUAY, FOUR BARRACKS, AND EIGHT SUPPORT BUILDINGS.

OB -- 1 KRONSTADT PC, 6 P-6 PT, AND 2 YP.

THIS FACILITY WAS FORMERLY REPORTED UNDER

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 200120N 0755010W

OB -- 2 P-4 PT.

OTHER VESSELS -- 4 LARGE FREIGHTERS, 1 COASTAL FREIGHTER, AND 1 COASTAL TANKER.

MANZANILLO PORT FACILITIES CU 202108N 0770707W

LA HABANA PORT FACILITIES CU 230750N 0822050W

ELECTRONICS/COMMUNICATIONS

SANTA CLARA AW RADAR FACILITY CU 223016N 0795658W
177-E

OB -- 1 POSSIBLE RADAR AND 4 POSSIBLE VANS.

HOLGUIN RADAR SITE CU 204710N 0761831W
34-D3

NINE VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED.

SANTIAGO DE CUBA RADAR SITE CU 195942N 0754950W
24-E1

THIS ROAD-SERVED FACILITY CONSISTS OF SEVEN RECTANGULAR BUILDINGS,
AN OCCUPIED SIX-GUN AAA SITE, TWO VEHICLE REVETMENTS, AND TWO
REVERTED BUILDINGS.

NINE CARGO TRUCKS AND ONE UTILITY TRUCK ARE OBSERVED.

SANTA FE AW RADAR FACILITY CU 213933N 0824540W

VARADERO RADAR FACILITY CU 231147N 0810825W

CIENFUEGOS RADAR FACILITY 2 CU 220226N 0802523W
477-A

THE LOW SIEVE RADAR HAS BEEN REMOVED.

OB -- 1 SHEET BEND RADAR, 2 VAN TRUCKS, 1 CARGO TRUCK, AND 2
DOUBLE-AXLE GENERATOR TRAILERS.

SANTIAGO DE CUBA LOW SIEVE RADAR FAC CU 195800N 0755209W

24-F
OB -- 1 LOW SIEVE RADAR.

SAGUA LA GRANDE AW RADAR FACILITY 2 CU 224738N 0800654W
159-R

SIX VANS AND ONE CARGO TRUCK ARE OBSERVED.

HOLGUIN AIRFIELD RADAR FACILITY CU 204513N 0762106W
34-D2

OB -- 1 PROBABLE RADAR, 1 OCCUPIED RADAR MOUND, 6 CARGO TRUCKS, AND
12 VEHICLES/PIECES OF EQUIPMENT.

VAZQUEZ TALL KING-AW RADAR FAC CU 210215N 0764150W
329-A

CONSTRUCTION CONTINUES AT THE SITE.

OB -- 1 PROBABLE TALL KING RADAR ANTENNA.

LARGO ISLAND LOW SIEVE RADAR FACILITY CU 213500N 0813000W
0586 37-F

SOUTHWEST COAST OF CAYO LARGO AT UTM 17QMP468884 AND IMMEDIATELY NW
OF A PROBABLE LIGHTHOUSE.

OB -- 1 TOWER-MOUNTED PROBABLE LOW SIEVE RADAR.
AMS E502, SHEET NF17-10, 1ST ED.

SANTIAGO DE CUBA AW RADAR FAC CU 195800N 0755012W
24-F1

2.8 NM SOUTH OF SANTIAGO DE CUBA.

FACILITIES INCLUDE TWO SMALL PROBABLE SUPPORT BUILDINGS, TWO
DRIVE-IN VEHICLE REVETMENTS, AND TWO DRIVE-THROUGH VEHICLE
REVETMENTS.

OB -- 1 PROBABLE SPOON REST RADAR, 1 PROBABLE SHEET BEND RADAR, 1
GENERATOR VAN, 1 CARGO TRUCK, AND 1 SUPPORT VAN.

317-A

OB -- 27 FA PIECES, 28 AT-S TRACKED PRIME MOVERS, 31 PROBABLE CARGO TRUCKS, AND 59 VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN MILITARY CAMP EAST CU 205321N 0761341W

34-V

OB -- 36 FA PIECES, 13 AAA PIECES, 10 PROBABLE AAA PIECES, 43 BTR-60P APC, 90 CARGO TRUCKS, 2 VAN TRUCKS, 90 CARGO TRUCKS, 2 VAN TRUCKS, AND 5 VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN MILITARY CAMP NORTH CU 205713N 0761633W

34-S

OB -- 20 CARGO TRUCKS AND 8 VEHICLES/PIECES OF EQUIPMENT.

HOLGUIN MILITARY CAMP PIEDRAS CU 205339N 0761349W

34-V2

OB -- 5 FA PIECES AND 12 CARGO TRUCKS.

SANTIAGO MILITARY CAMP CUABITAS CU 200342N 0754837W

76-V

OB -- 3 FLATBED TRAILERS AND 2 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO MILITARY CAMP LA QUINTA CU 200242N 0755136W

76-N1

OB -- 5 FA PIECES, 6 PROBABLE MORTARS, 3 PROBABLE AAA PIECES, AND 1 CARGO TRUCK.

LIMONAR MILITARY CAMP CAMPO DE TIRO SE CU 225555N 0812420W

LIMONAR MILITARY TRAINING AREA CU 225433N 0812150W

MANICARAGUA STORAGE AREA CU 220624N 0795840W

MINAS MILITARY CAMP FUNDICION CU 212710N 0773415W

127-B

CONSTRUCTION OF VEHICLE SHEDS CONTINUES.

OB -- 18 TANKS/ASSAULT GUNS, 16 CARGO TRUCKS, 2 VAN TRUCKS, AND 4 VEHICLES/PIECES OF EQUIPMENT.

OFELIA MILITARY CAMP CU 200620N 0753840W

347

OB -- 11 TANKS, 25 FA PIECES, 7 AAA PIECES, 21 CARGO TRUCKS, 7 VAN TRUCKS, 11 CANVAS-COVERED VEHICLES, AND 24 VEHICLES/PIECES OF EQUIPMENT.

PUERTO PADRE TANK TRAINING AREA CU 211115N 0763752W

61-C

OB -- 14 PROBABLE VEHICLES/PIECES OF EQUIPMENT.

SANTA FE MILITARY CAMP LA CLARITA CU 214351N 0824638W

SANTA FE MILITARY CAMP EAST CU 214430N 0824402W

OB -- AT LEAST 11 CARGO TRUCKS

SANTIAGO DE CHIBA MILITARY CAMP CU 200200N 0755136W

SANTIAGO DE CUBA MILITARY CAMP NW CU 200310N 0755320W
76-P3

OB -- 8 FA/AAA PIECES, 33 CARGO TRUCKS, AND 4 UTILITY TRUCKS.

SANTIAGO DE CUBA MIL CAMP SAN JUAN HILL CU 200131N 0754743W
76-X4

OB -- 4 PROBABLE FA PIECES AND 17 CARGO TRUCKS.

CHORRERA DE MANAGUA MILITARY CAMP CU 230215N 0821937W
316-D

OB -- AT LEAST 27 VEHICLES/PIECES OF EQUIPMENT.

LA CHARCA MILITARY HQS CU 224600N 0803627W
505

FACILITIES INCLUDE ONE H-SHAPED ADMINISTRATION BUILDING, 59 BARRACKS, 12 EARTH-COVERED DRIVE-THROUGH BUNKERS, AT LEAST SEVEN ADDITIONAL BUNKERS UNDER CONSTRUCTION, FOUR VEHICLE PARKING SHEDS, 19 LARGE AND 46 SMALL SUPPORT BUILDINGS, 47 FIRING RANGE AND TRAINING AREA SUPPORT BUILDINGS, AND THREE RIGID-FRAME TENTS.
OB -- 1 TANK/ASSAULT GUN, 26 FA PIECES, 18 PROBABLE FA PIECES, 6 AAA PIECES, 36 BTR-60P APC, 6 POSSIBLE TRACKED PRIME MOVERS, 7 VAN TRUCKS, 133 CARGO TRUCKS, AND 16 VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- TWO SIX-GUN AAA SITES ALL POSITIONS OCCUPIED AND ONE SIX-GUN AAA SITE THREE POSITIONS OCCUPIED.

SIGUANEA MILITARY BARRACKS CU 213720N 0825730W

HOLGUIN MILITARY INSTITUTE CU 2052//N 07620//W
34-X

OB -- 9 TANKS/ASSAULT GUNS, 55 FA PIECES, 16 PROBABLE FA PIECES, 33 AAA PIECES, 6 POSSIBLE AAA PIECES, 21 POSSIBLE MORTARS, 127 CARGO TRUCKS, 12 UTILITY TRUCKS, 1 LARGE VAN TRUCK, AND 2 PROBABLE VAN TRUCKS.

REMEDIOS MIL CAMP CU 222719N 0793455W
157-D

OB -- 11 FA PIECES, 19 PROBABLE BTR-60P APC, 196 CARGO TRUCKS, 10 VAN TRUCKS, 22 CANVAS-COVERED VEHICLES, AND 6 VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- THREE OCCUPIED SIX-GUN AAA SITES.

SIBONEY LANDING BEACH CU 195730N 0754215W

YATERAS RIO LANDING BEACH CU 195820N 0745720W

CIENFUEGOS LANDING BEACH CU 2202//N 08036//W

MAR VERDE LANDING BEACH CU 195750N 0755630W

LUNA PUNTA LANDING BEACH 173 CU 220140N 0802430W

IMIAS LANDING BEACH CU 200500N 0744000W

281-B1

25X1

SEVENTY PERCENT OF THE BEACH IS COVERED ON CLOUD-FREE PHOTOGRAPHY OF POOR INTERPRETABILITY.

25X1

CAMACHO LANDING BEACH 224 CU 238748N 881288W

281-A1

25X1

NINETY PERCENT OF THE BEACH IS COVERED ON CLOUD-FREE PHOTOGRAPHY OF POOR INTERPRETABILITY.

25X1

CAYUELO PUNTA BEACH 223 CU 238728N 881211W

281-C1

25X1

EIGHTY PERCENT OF THE BEACH IS COVERED ON CLOUD-FREE PHOTOGRAPHY OF POOR INTERPRETABILITY.

25X1

OTHER ACTIVITY

SANTIAGO EARTH-COVERED BUNKER CU 195955N 875584W

24-I

25X1

OB -- 1 VAN TRUCK.

25X1